

10/533249

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



533249

(43) International Publication Date
21 May 2004 (21.05.2004)

PCT

(10) International Publication Number
WO 2004/041921 A2

- (51) International Patent Classification⁷: C08K 5/00
- (21) International Application Number: PCT/US2003/034351
- (22) International Filing Date: 28 October 2003 (28.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/422,682 31 October 2002 (31.10.2002) US
- (71) Applicant (for all designated States except US): AKZO NOBEL N.V. [NL/NL]; Velperweg 76, P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LEVCHIK, Sergei, V. [—/US]; 51 Harrison Street, Croton-on-Hudson, NY 10520 (US). ALESSIO, Gerald, R. [US/US]; 129 Lincoln Blvd., Emerson, NJ 07630 (US). BRIGHT, Danielle, A. [US/US]; 790 Riverside Drive #7E, New York, NY 10032 (US).
- (74) Agent: FENNELLY, Richard, P.; Akzo Nobel Inc., Intellectual Property Department, 7 Livingstone Avenue, Dobbs Ferry, NY 10522-3408 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF RETAINING THE HYDROLYTIC STABILITY OF FLAME RETARDED POLYMER COMPOSITION

(57) Abstract: The hydrolytic stability of a polycarbonate-containing resin composition, which comprises an arylene-bridged oligomeric phosphate flame retardant can be improved by the addition of an effective amount of a neopentylglycol bis (diphenyl phosphate) flame retardant for such hydrolytic stability improvement.

WO 2004/041921 A2